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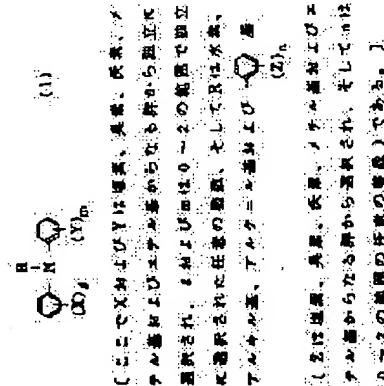
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## (54) SECONDARY BATTERY AND ITS ELECTRODE

### (57)Abstract:

PURPOSE: To obtain an electrode free from heavy metal pollution problems and easily capable of incineration by using a specified amine polymer.

CONSTITUTION: Amine polymers indicated in the formula, for example, polymers or copolymers obtained by polymerizing or copolymerizing diphenyl amine or triphenyl amine and/or these derivatives are used as a electrode material. The polymer is thermoplastic, and dissolves in organic solvent such as dimethylformamide, dioxane, or dimethyl sulfoxide. An electrode is obtained by bonding a metal to a thin film of the polymer by vapor deposition or impregnating the polymer solution in conductive fiber material such as carbon fiber cloth or paper.



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